



DECLARATION of PERFORMANCE

DoP No. 31

Code No: 18947


- | | |
|-----------------------------------|--|
| 1. Product Identification: | 24N Dense Coursing Brick 215x100x65mm |
| 2. Intended use: | Walls, columns and partitions |
| 3. Manufacturer: | Mansfield Brick Company Ltd., Crown Farm Way,
Forest Town, Mansfield, Nottinghamshire, NG19 0FT |
| 4. AVCP: | System 4 |
| 5. Designated Standard: | BS EN 771-3:2011+A1:2015 |
| 6. Declared performance: | |

Essential characteristics	Performance	
Dimensions	Length mm	215
	Width mm	100
	Height mm	65
	Tolerance Category	D1
Configuration	Group 1	
Compressive Strength	Mean	24.0 N/mm ²
	Direction of Load	Bed face
	Unit category	Category II
Dimension Stability	NPD	
Bond Strength	Shear bond strength	0.15N/mm ² (tabulated value)
	Flexural bond strength	NPD
Reaction to fire	Euroclass A1 (Commission Decision 2000/605/EC)	
Water Absorption	NPD	
Water vapour permeability	5/15 (tabulated value)	
Direct airborne sound insulation	NPD	
Gross Dry Density	2100 kg/m ³	
Configuration; dimensions and tolerances	Group 1	
Thermal Conductivity W/mK ($\lambda_{10,dry}$) (P=50 %) (tabulated)	1.11	
Durability against freeze/thaw	Not to be left exposed	

Mansfield Sand Company Ltd (Brick Division) confirms that the product identified conforms to the declared performance and complies with the requirements of BS EN 771-3 including annex ZA attestation of conformity system 4.

Signed for and on behalf of the Mansfield Sand Company Ltd:

Craig Baggaley
Technical Manager



 08.04.26



**UK
CA**

**Mansfield Brick Company Ltd., Crown Farm Way, Forest Town,
Mansfield, Nottinghamshire, NG19 0FT**

DoP No. 31

Code No: 18947

BS EN 771-3

Product:	24N Dense Coursing Brick 215x100x65mm Aggregate Concrete Masonry Unit
Dimensions (L x W x H):	215mm x 100mm x 65mm
Dimension Tolerance Category:	D1
Configuration:	Group 1
Compressive Strength (Mean):	24.0 N/mm ²
Reaction to Fire:	Euroclass A1 (Commission Decision 2000/605/EC)
Water Absorption:	NPD
Water Vapour Diffusion:	5/15 (tabulated value)
Direct Airborne Sound Insulation:	NPD
Gross Dry Density:	2100 kg/m ³
Thermal Conductivity:	1.11 W/mK ($\lambda_{10,dry}$) (P=50 %) (tabulated value)
Durable against Freeze/Thaw:	Not to be left exposed